



GAIL FARBER, Director

# COUNTY OF LOS ANGELES

## DEPARTMENT OF PUBLIC WORKS

*"To Enrich Lives Through Effective and Caring Service"*

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IN REPLY PLEASE

REFER TO FILE: C-1

March 31, 2009

The Honorable Board of Supervisors  
County of Los Angeles  
383 Kenneth Hahn Hall of Administration  
500 West Temple Street  
Los Angeles, CA 90012

# ADOPTED

BOARD OF SUPERVISORS  
COUNTY OF LOS ANGELES

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March 31, 2009

*Sachi A. Hamai*  
SACHI A. HAMAI  
EXECUTIVE OFFICER

Dear Supervisors:

**CHANGES IN WORK FOR PUBLIC WORKS CONTRACTS  
CITIES OF LA CAÑADA-FLINTRIDGE, PASADENA, AND POMONA  
(SUPERVISORIAL DISTRICTS 1 AND 5)  
(4 VOTES)**

### SUBJECT

This action is to approve changes in work and the increased contract amounts for public works construction contracts in the Cities of La Cañada-Flintridge, Pasadena, and Pomona.

### **IT IS RECOMMENDED THAT YOUR BOARD:**

Find that the requested changes in work have no significant effect on the environment and approve the increased contract amounts and the changes for the following construction contracts:

- Project ID No. RDC0013860 - Oak Grove Drive over Arroyo Seco, et al., to seismically strengthen two bridges, Cities of La Cañada-Flintridge and Pasadena, T. B. Penick & Sons, Inc., for additional delineators, asphalt pavement, removal of buried concrete and metal, modification to restrainer pipes and rods, and link-beam redesign, with an increase in the contract amount of \$68,473.00.

- Project ID No. RDC0014375 - Garey Avenue Under Union Pacific Railroad, et al., to seismically strengthen two bridges, City of Pomona, 4-Con Engineering, Inc., for the reimbursement of railroad insurance premium, with an increase in the contract amount of \$13,972.50.

### **PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION**

The purpose of the recommended action is to obtain your Board's approval for changes in public works contracts in support of the timely completion of the projects while avoiding delays and the potential for claims. The descriptions of the changes, estimated costs, and the necessary time extensions are listed in the attachment for each contract.

The Director of Public Works has been authorized by your Board to order changes in work up to \$10,000 for construction contracts. Attached for your authorization are changes in work in excess of the Director of Public Works' delegated limits, which are required to complete Project ID Nos. RDC0013860 and RDC0014375.

### **Implementation of Strategic Plan Goals**

The Countywide Strategic Plan directs the provision of Operational Effectiveness (Goal 1) and Community and Municipal Services (Goal 3). Approval of these changes will provide improved infrastructure to better serve the public and enhance the quality of life in the affected communities.

### **FISCAL IMPACT/FINANCING**

These changes in work will have no impact to the County General Fund.

The estimated change order amounts for these contracts are increases of \$13,972.50 and \$68,473.00.

Sufficient funds are available in the Board-approved appropriations for each of the respective projects to cover the costs of the requested changes. Detailed cost breakdowns for each of the changes, together with contract cost summaries, are included in the attachments.

If these changes in work are not approved, contract completion will be delayed and increased costs incurred.

### **FACTS AND PROVISIONS/LEGAL REQUIREMENTS**

Each of the subject contracts for the construction of public works improvements was awarded by your Board to the lowest responsible bidder in accordance with the California Public Contract Code, your Board's directives, and as recommended by the Director of Public Works or her designee.

### **ENVIRONMENTAL DOCUMENTATION**

The changes in work as described above and in the attachments do not change any conditions which resulted in the original environmental findings.

### **CONTRACTING PROCESS**

Each contract provides that the contractor be compensated for the work resulting from changes to the original plans and specifications or changed conditions encountered during the course of construction. The costs are based on contract unit prices, time and materials, or negotiated under the provisions of the contract specifications. The methods for arriving at the costs of the changes are included in the attachments.

### **IMPACT ON CURRENT SERVICES (OR PROJECTS)**

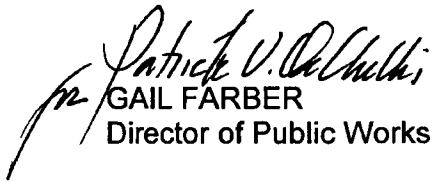
Approval of the requested changes by your Board will ensure the timely completion of work under each of the respective contracts and result in complete and usable facilities.

The Honorable Board of Supervisors  
March 31, 2009  
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**CONCLUSION**

Please return one adopted copy of this letter to the Department of Public Works,  
Construction Division.

Respectfully submitted,

  
GAIL FARBER  
Director of Public Works

GF:JTS:ss

Attachments (2)

c: Chief Executive Office (Lari Sheehan)  
County Counsel  
Office of Affirmative Action Compliance

CHANGE IN WORK (AUTHORIZE)  
March 31, 2009

PROJECT ID NO. RDC0013860, OAK GROVE DRIVE OVER ARROYO SECO, ET AL.  
(Cities of La Cañada-Flintridge and Pasadena), Supervisorial District 5,  
Contractor: T. B. Penick & Sons, Inc.

Project Description:

Seismic strengthening of two existing bridges.

Changes in Work:

(1) Additional Delineators	\$ 3,600.00
(2) Asphalt Concrete Pavement	28,000.00
(3) Remove Buried Concrete	30,000.00
(4) Remove Buried Concrete and Metal	18,000.00
(5) Modify End Plates	9,000.00
(6) Bearing Plates/Restrainer Rod Modifications	9,829.00
(7) Link-Beam Redesign	<u>(29,956.00)</u>
Total	<u>\$68,473.00</u>

Description of Changes:

(1) It is necessary to install additional traffic delineators to safely detour vehicles through the construction site on Oak Grove Drive.

(2) The amount of asphalt concrete pavement needed to be placed for the traffic detour was underestimated. It will be necessary to compensate the contractor for the actual amount of paving completed.

(3) During drilling operations, buried reinforced concrete slabs were discovered. These slabs were not shown on the plans. It will be necessary to compensate the contractor to remove this material.

(4) During drilling operations at the west abutment of the Arroyo Seco Bridge, buried reinforced concrete, miscellaneous metal, and conduit was encountered. It will be necessary to compensate the contractor for the extra work needed to remove this material.

(5) To match the bridge surface, it will be necessary to modify the end plates for both bridges.

(6) To match the bridge surface, it will be necessary to modify the bearing plates attached to the restrainer rods.

(7) Because of regulatory permit restrictions, it is not possible to construct the link-beams shown on the plans at Bents 6 and 7 for the Flint Canyon Wash Bridge. These beams were eliminated, and this portion of the bridge retrofit was redesigned using post tensioning cables to bolster the existing bent caps. This will result in a credit to the contract in the amount shown.

The cost for Item 1 will be based on contract unit prices. The costs for Items 2, 3, 4, and 5 will be based on time and materials as provided in Subsection 3-3 of the contract specifications. The costs for Items 6 and 7 were negotiated as provided in Subsection 3-2 of the contract specifications.

Sixteen additional working days will be required because of these changes.

Financial Information:

This project is being administered under the Highway Bridge Program as covered by Agreement 76078 with the State of California. Under this program, Federal funds allocated to local agencies are used to finance a portion of the qualifying costs of the bridge seismic retrofit projects. The remaining portion of the costs of the project will be funded with State Proposition 1B funds. Qualifying costs are apportioned 88.53 percent Federal and 11.47 percent Proposition 1B. Funding for these changes in work is included in the Fifth Supervisorial District's Road Construction Program in the Fiscal Year 2008-09 Road Fund Budget.

Revised Contract Amount:

Original contract amount	\$3,489,310.10
Changes in work to be authorized	<u>68,473.00</u>
Revised contract amount	<u>\$3,557,783.10</u>
Percent total change to original contract amount	2.0%

RE:ss

CHANGE IN WORK (AUTHORIZE)

March 31, 2009

PROJECT ID NO. RDC0014375 - GAREY AVENUE UNDER UNION PACIFIC RAILROAD, ET AL. (City of Pomona), Supervisorial District 1, Contractor: 4-Con Engineering, Inc.

Project Description:

Seismic strengthening of two existing bridges.

Change in Work:

Reimbursement of Additional Insurance \$13,972.50

Description of Change:

As stipulated in the contract, the contractor will be reimbursed for the cost of additional insurance required by Union Pacific Railroad. The cost will be based on time and materials as provided in Subsection 3-3 of the contract specifications.

No additional working days will be required because of this change.

Financial Information:

This project is entirely within the City of Pomona. This project is being administered under the Highway Bridge Program covered by Agreement 76078 with the State of California. Under this program, Federal funds allocated to local agencies are used to finance 88.53 percent of the qualifying costs of bridge seismic retrofit projects. The remaining 11.47 percent of the cost of the project will be financed with State Proposition 1B funds. Funding for this change in work is included in the First Supervisorial District's Road Construction Program in the Fiscal Year 2008-09 Road Fund Budget.

Revised Contract Amount:

Original contract amount	\$385,705.00
Change in work to be authorized	<u>13,972.50</u>
Revised contract amount	<u>\$399,677.50</u>
Percent total change to original contract amount	3.6%

RE:ss